

AMENDMENTS TO THE CLAIMS

Please amend the claims as shown below. A complete listing of the claims, including their current status, is set forth below.

1-37 (Cancelled)

38. (Currently amended) A cell-free composition comprising:

an isolated ~~a recombinant~~ Tankyrase H protein; and

a source of ADP ribose;

wherein said isolated ~~recombinant~~ Tankyrase H protein exhibits poly-ADP ribose polymerase activity and has an amino acid sequence that is at least 95% identical to the entire contiguous sequence of SEQ ID NO:3 or SEQ ID NO:4.

39. (Previously presented) The composition of claim 38, further comprising:
a candidate bioactive agent.

40. (Previously presented) The composition of claim 39, wherein said candidate bioactive agent is an organic molecule of less than 2,500 Da.

41. (Previously presented) The composition of claim 39, wherein the candidate bioactive agent is a peptide.

42. (Currently amended) The composition of claim 38, wherein said composition is a cell lysate ~~cellular composition comprising cells comprising:~~

~~— a recombinant nucleic acid encoding said Tankyrase H protein.~~

43. (Previously presented) The composition of claim 38, wherein said Tankyrase H protein is a fusion protein.

44. **(Cancelled)**

45. **(Withdrawn)** A method of using the composition of claim 38, comprising:
contacting the composition of claim 38 with a test agent; and
determining any effect of said test agent on said poly-ADP ribose polymerase activity.

46. **(Withdrawn)** The method of claim 45, wherein said test agent is an organic molecule of less than 2,500 Da.

47. **(Withdrawn)** The method of claim 45, wherein the test agent is a peptide.